

Creel and Lake Information

Lake Information

Lake Name: Pactola Reservoir
Lake Code: RAP-Lake-1-000
Surface Area: 333.71 Hectares
County: Pennington
Start Date: 1/2/2017
End Date: 4/30/2017
Months Included: January, February, March, April, May, June, July, August, September, October, November, December

Table 1. Percent of angling parties interviewed primarily targeting a species (or any species) by month and overall for Pactola Reservoir during 2016 - 2017. Any Species (ANY), Bluegill (BLG), Brown Trout (BNT), Largemouth Bass (LMB), Northern Pike (NOP), Rainbow Trout (RBT), Lake Trout (LAT).

Year	Month	# of Interviews	Percent of Anglers Targeting						
			ANY	BLG	BNT	LAT	LMB	NOP	RBT
2016	May	110	26.4	22.7	4.5	5.5	2.7	11.8	26.4
	June	52	59.6	1.9	0.0	1.9	1.9	7.7	26.9
	July	56	67.9	5.4	0.0	0.0	3.6	7.1	16.1
	August	33	54.5	0.0	3.0	0.0	3.0	0.0	39.4
	September	81	42.0	3.7	3.7	2.5	1.2	4.9	40.7
	October	50	26.0	0.0	0.0	2.0	0.0	10.0	62.0
	November	26	15.4	0.0	0.0	11.5	0.0	26.9	46.2
	December	32	21.9	6.3	3.1	12.5	0.0	40.6	15.6
	Overall	440	39.5	7.7	2.3	3.9	1.8	11.4	33.2
2017	January	108	32.4	6.5	3.7	29.6	0.0	23.1	4.6
	February	49	18.4	2.0	4.1	44.9	0.0	26.5	4.1
	March	43	18.6	11.6	2.3	14.0	0.0	11.6	41.9
	April	78	24.4	5.1	2.6	12.8	2.6	26.9	25.6
	Overall	278	25.5	6.1	3.2	25.2	0.7	23.0	16.2

Table 2. Monthly and overall number of interviews, angler hours, angler days, mean trip length, mean party size, percent of parties interviewed that were South Dakota residents, percent of angling activity from a boat or shack and percent of angling activity that occurred on weekends and holidays at Pactola Reservoir (80% confidence interval).

Year	Month	# Interviews	Angler Hours	Angler Days	Trip Length (h)	Party Size	% SD Residents	% Boat or Shack	% Weekend/Holidays
2016	May	110	7,013 (1,146)	2,772	2.53 (0.52)	1.85 (0.27)	90.00	16	33
	June	52	11,228 (1,168)	3,793	2.96 (0.30)	2.64 (0.43)	86.54	33	62
	July	56	7,137 (1,015)	2,131	3.35 (1.03)	2.34 (0.46)	80.36	14	70
	August	33	4,590 (716)	1,153	3.98 (1.00)	2.22 (0.56)	81.82	18	52
	September	81	2,524 (430)	791	3.19 (0.45)	2.10 (0.36)	88.89	40	49
	October	50	1,950 (421)	644	3.03 (0.74)	1.85 (0.29)	92.00	38	50
	Overall	382	34,443 (2,140)	10,865	3.17 (0.30)	2.16 (0.17)	87.43	26	49
2016-2017	November	52	1,342 (552)	368	3.65 (0.24)	1.69 (0.25)	100.00	15	69
	December	64	2,715 (991)	776	3.50 (0.65)	2.09 (0.46)	100.00	22	41
	January	216	8,718 (976)	1,654	5.27 (0.36)	2.10 (0.20)	98.15	38	63
	February	98	6,020 (1,459)	1,326	4.54 (0.73)	2.08 (0.27)	95.92	12	37
	March	86	1,380 (425)	412	3.35 (0.45)	1.71 (0.22)	100.00	12	28
	Overall	516	20,175 (2,133)	4,981	4.05 (0.23)	1.93 (0.13)	98.45	24	50
	2017	April	156	4,509 (580)	1,539	2.93 (0.25)	1.81 (0.14)	96.15	38
Overall		156	4,509 (580)	1,539	2.93 (0.25)	1.81 (0.14)	96.15	38	56

Table 3. Estimated fishing pressure (angler hours) by month during the summer season 2017 daylight period on Pactola Reservoir (80% confidence interval).

Lake	Month	
	April	Total
Pactola Reservoir	4,509 (580)	4,509 (580)

Table 4. Estimated number of fish harvested, by species and month, for the summer season 2017 daylight period on Pactola Reservoir (80% confidence interval).

Species	Month	
	April	Total
Bluegill	82 (72)	82 (72)
Brown Trout	4 (5)	4 (5)
Lake Trout	4 (6)	4 (6)
Largemouth Bass	0	0
Northern Pike	21 (13)	21 (13)
Rainbow Trout	60 (32)	60 (32)
Total	171 (129)	171 (129)

Table 5a. Estimated monthly and overall angler catch rate per hour fished (C/h) for all anglers by species at Pactola Reservoir (80% confidence interval). Abbreviations for species are as follows: Bluegill (BLG), Brown Trout (BNT), Largemouth Bass (LMB), Northern Pike (NOP), Rainbow Trout (RBT), Lake Trout (LAT) and other species (Other).

Year	Month	BLG	BNT	LAT	LMB	NOP	RBT
		C/h	C/h	C/h	C/h	C/h	C/h
2016	May	1.39	0.14 (0.09)	0.02 (0.01)	0.09 (0.07)	0.01 (<0.01)	0.19 (0.06)
	June	1.15 (0.40)	0.00	0.01 (0.01)	0.02 (0.01)	0.03 (0.02)	0.09
	July	0.93 (0.49)	<0.01 (<0.01)	0.00	0.03 (0.02)	0.09	0.01 (<0.01)
	August	0.24 (0.12)	0.00	<0.01 (<0.01)	0.01 (<0.01)	0.06 (0.04)	0.14 (0.06)
	September	0.18 (0.25)	<0.01 (<0.01)	0.02 (0.02)	0.00	0.07	0.24 (0.17)
	October	0.09 (0.07)	0.01 (<0.01)	0.00	0.02 (0.01)	0.08	0.44 (0.15)
	Overall	0.90 (0.14)	0.03 (0.01)	0.01 (<0.01)	0.03 (0.01)	0.05 (<0.01)	0.13 (0.01)
	2016- 2017	November	0.00	0.02 (0.02)	0.04 (0.04)	0.00	0.02 (0.01)
	December	0.02 (0.02)	0.02 (0.01)	0.06 (0.05)	0.00	0.07 (0.07)	0.03 (0.03)
	January	0.06 (0.03)	0.01 (<0.01)	0.02 (0.01)	0.00	0.04 (0.01)	0.01 (<0.01)
	February	0.06 (0.03)	<0.01 (<0.01)	0.01 (<0.01)	0.00	0.03 (0.02)	0.01 (<0.01)
	March	0.09 (0.08)	0.00	0.01 (<0.01)	0.00	0.01 (0.01)	0.25 (0.26)
	Overall	0.05 (0.02)	0.01 (<0.01)	0.02 (<0.01)	0.00	0.04 (0.01)	0.04 (0.02)
2017	April	0.09 (0.04)	0.06 (0.07)	0.01 (<0.01)	0.00	0.04 (0.01)	0.08 (0.05)
	Overall	0.09 (0.04)	0.06 (0.07)	0.01 (<0.01)	0.00	0.04 (0.01)	0.08 (0.05)

Table 5b. Estimated monthly and overall angler harvest rate per hour fished (H/h) for all anglers by species at Pactola Reservoir (80% confidence interval). Abbreviations for species are as follows: Bluegill (BLG), Brown Trout (BNT), Largemouth Bass (LMB), Northern Pike (NOP), Rainbow Trout (RBT), Lake Trout (LAT) and other species (Other).

Year	Month	BLG	BNT	LAT	LMB	NOP	RBT
		H/h	H/h	H/h	H/h	H/h	H/h
2016	May	0.40	0.02 (0.02)	<0.01 (<0.01)	<0.01 (<0.01)	0.01 (<0.01)	0.05 (0.02)
	June	0.04 (0.04)	0.00	0.00	0.00	0.01 (0.02)	0.03 (<0.01)
	July	0.07 (0.08)	0.00	0.00	0.00	0.02 (0.03)	<0.01 (<0.01)
	August	0.00	0.00	0.00	0.00	0.01 (<0.01)	0.04 (0.04)
	September	0.01 (0.02)	0.00	<0.01 (<0.01)	0.00	0.01	0.10 (0.10)
	October	0.00	0.00	0.00	0.00	0.02 (0.02)	0.15 (0.15)
	Overall	0.11 (0.03)	<0.01 (<0.01)	<0.01 (<0.01)	<0.01 (<0.01)	0.01 (<0.01)	0.04 (0.01)
2016- 2017	November	0.00	0.01 (<0.01)	0.00	0.00	0.00	0.02 (0.03)
	December	0.00	<0.01 (<0.01)	0.00	0.00	<0.01 (<0.01)	<0.01 (<0.01)
	January	<0.01 (<0.01)	0.00	0.00	0.00	<0.01 (<0.01)	<0.01 (<0.01)
	February	0.00	<0.01 (<0.01)	0.00	0.00	0.00	<0.01 (<0.01)
	March	0.00	0.00	0.00	0.00	<0.01 (<0.01)	0.02 (0.03)
	Overall	<0.01 (<0.01)	<0.01 (<0.01)	0.00	0.00	<0.01 (<0.01)	<0.01 (<0.01)
	2017	April	0.02 (0.02)	<0.01 (<0.01)	<0.01 (<0.01)	0.00	<0.01 (<0.01)
Overall	0.02 (0.02)	<0.01 (<0.01)	<0.01 (<0.01)	0.00	<0.01 (<0.01)	0.01 (<0.01)	

Table 6a. Estimated monthly and overall angler catch rate per hour fished (C/h) only for anglers primarily targeting a species at Pactola Reservoir. (80% confidence interval). Abbreviations for species are as follows: Bluegill (BLG), Brown Trout (BNT), Largemouth Bass (LMB), Northern Pike (NOP), Rainbow Trout (RBT), Lake Trout (LAT) and Other Species (Other).

Year	Month	BLG	BNT	LAT	LMB	NOP	RBT
		C/h	C/h	C/h	C/h	C/h	C/h
2016	May	5.55 (2.45)	2.14 (3.78)	0.09 (0.05)	0.46 (0.39)	0.04 (0.07)	0.97 (0.90)
	June	3.57	0.00	0.00	0.00	0.01 (0.02)	0.54 (2.38)
	July	11.66 (0.23)	0.00	0.00	0.27	0.26	0.00
	August	0.00	0.00	0.00	0.00	0.00	0.15 (0.09)
	September	0.72 (0.99)	0.01 (0.06)	0.00	0.00	0.28	0.52 (0.25)
	October	0.00	0.00	0.00	0.00	0.09 (0.27)	0.63 (0.30)
	Overall	5.86 (1.32)	0.79 (1.39)	0.05 (0.03)	0.23 (0.12)	0.12 (0.05)	0.52 (0.39)
2016- 2017	November	0.00	0.00	0.16	0.00	0.04 (0.04)	0.92 (0.82)
	December	0.62 (0.83)	0.47	0.28	0.00	0.27 (0.19)	0.07
	January	0.90 (2.75)	0.02	0.10 (0.02)	0.00	0.18 (0.04)	0.01 (<0.01)
	February	0.94	0.13	0.03 (0.04)	0.00	0.14 (0.12)	0.00
	March	1.21 (0.71)	0.00	0.29 (0.08)	0.00	0.00	1.06 (0.98)
	Overall	0.98 (0.82)	0.21	0.15 (0.01)	0.00	0.14 (0.04)	0.47 (0.30)
	April	1.88 (12.05)	3.69 (10.58)	0.07 (0.29)	0.00	0.22 (0.10)	1.10 (0.93)
Overall	1.88 (12.05)	3.69 (10.58)	0.07 (0.29)	0.00	0.22 (0.10)	1.10 (0.93)	

Table 6b. Estimated monthly and overall angler harvest rate per hour fished (H/h) only for anglers primarily targeting a species at Pactola Reservoir. (80% confidence interval). Abbreviations for species are as follows: Bluegill (BLG), Brown Trout (BNT), Largemouth Bass (LMB), Northern Pike (NOP), Rainbow Trout (RBT), Lake Trout (LAT) and Other Species (Other).

Year	Month	BLG	BNT	LAT	LMB	NOP	RBT
		H/h	H/h	H/h	H/h	H/h	H/h
2016	May	1.93 (1.57)	0.44 (0.91)	0.03 (0.03)	0.00	0.01 (0.03)	0.25 (0.23)
	June	0.00	0.00	0.00	0.00	0.01 (0.03)	0.21 (0.40)
	July	2.29	0.00	0.00	0.00	0.00	0.00
	August	0.00	0.00	0.00	0.00	0.00	0.06 (0.05)
	September	0.00	0.00	0.00	0.00	0.01	0.22 (0.18)
	October	0.00	0.00	0.00	0.00	0.09 (0.27)	0.24 (0.15)
	Overall	1.49 (0.84)	0.16 (0.33)	0.02 (0.02)	0.00	0.03 (0.05)	0.18 (0.09)
2016- 2017	November	0.00	0.00	0.00	0.00	0.00	0.22 (0.22)
	December	0.00	0.00	0.00	0.00	0.01 (0.01)	0.03
	January	0.07 (0.07)	0.00	0.00	0.00	0.01 (<0.01)	0.00
	February	0.00	0.13	0.00	0.00	0.04 (0.03)	0.00
	March	0.00	0.00	0.00	0.00	0.00	0.07 (0.20)
	Overall	0.02 (0.02)	0.04	0.00	0.00	0.02 (<0.01)	0.07 (0.07)
	April	0.96 (7.45)	0.00	0.02 (0.06)	0.00	0.01 (0.01)	0.18 (0.18)
Overall	0.96 (7.45)	0.00	0.02 (0.06)	0.00	0.01 (0.01)	0.18 (0.18)	

Table 7a. Estimated monthly and overall angler catch (C) for all anglers by species at Pactola Reservoir (80% confidence interval). Abbreviations for species are as follows: Bluegill (BLG), Brown Trout (BNT), Largemouth Bass (LMB), Northern Pike (NOP), Rainbow Trout (RBT), Lake Trout (LAT) and other species (Other).

Year	Month	BLG	BNT	LAT	LMB	NOP	RBT
		C	C	C	C	C	C
2016	May	9,739	1,005	135	656	102	1,346
		(3,779)	(437)	(72)	(401)	(41)	(386)
	June	12,916	0	90	222	307	1,008
		(3,806)		(125)	(123)	(252)	(762)
	July	6,602	11	0	184	633	74
		(2,787)	(14)		(120)	(271)	(49)
	August	1,114	0	11	42	260	627
		(765)		(10)	(35)	(88)	(164)
September	451	6	54	0	173	606	
	(328)	(9)	(60)			(221)	
October	170	11	0	29	150	865	
	(131)	(12)		(27)		(198)	
Overall	30,991	1,032	289	1,133	1,625	4,526	
	(6,102)	(438)	(157)	(439)	(369)	(920)	
2016- 2017	November	0	25	58	0	21	292
			(25)	(55)		(17)	(183)
	December	43	46	163	0	195	79
		(46)	(44)	(123)		(110)	(47)
	January	498	49	196	0	324	47
		(194)	(31)	(97)		(113)	(23)
	February	347	19	41	0	176	57
		(151)	(15)	(23)		(93)	(39)
March	119	0	15	0	19	351	
	(76)		(12)		(13)	(296)	
Overall	1,008	139	472	0	735	826	
	(261)	(61)	(168)		(184)	(354)	
2017	April	409	274	27	0	159	372
		(169)	(255)	(19)		(55)	(218)
	Overall	409	274	27	0	159	372
		(169)	(255)	(19)		(55)	(218)

Table 7b. Estimated monthly and overall angler harvest (H) for all anglers by species at Pactola Reservoir (80% confidence interval). Abbreviations for species are as follows: Bluegill (BLG), Brown Trout (BNT), Largemouth Bass (LMB), Northern Pike (NOP), Rainbow Trout (RBT), Lake Trout (LAT) and other species (Other).

Year	Month	BLG	BNT	LAT	LMB	NOP	RBT
		H	H	H	H	H	H
2016	May	2,828 (1,272)	172 (120)	11 (13)	21 (28)	91 (38)	353 (153)
	June	431 (465)	0	0	0	160 (179)	371 (266)
	July	469 (542)	0	0	0	166 (108)	11 (10)
	August	0	0	0	0	32 (34)	162 (127)
	September	34 (51)	0	6 (6)	0	17	251 (229)
	October	0	0	0	0	44 (27)	285 (282)
	Overall	3,762 (1,459)	172 (120)	17 (14)	21 (28)	511 (212)	1,433 (492)
	2016- 2017	November	0	7 (9)	0	0	0
December		0	4 (4)	0	0	7 (8)	9 (10)
January		13 (16)	0	0	0	24 (10)	4 (6)
February		0	8 (9)	0	0	0	15 (18)
March		0	0	0	0	3 (4)	29 (31)
Overall		13 (16)	18 (14)	0	0	34 (14)	89 (46)
2017		April	82 (72)	4 (5)	4 (6)	0	21 (13)
	Overall	82 (72)	4 (5)	4 (6)	0	21 (13)	60 (32)

Table 8. Estimated number and rate (number per hour) of Bluegill (BLG), Brown Trout (BNT), Largemouth Bass (LMB), Northern Pike (NOP), Rainbow Trout (RBT), Lake Trout (LAT) caught and harvested by anglers during the summer and winter fisheries on Pactola Reservoir, (80% confidence interval).

Bluegill

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2011	28,731 (6,371)	7,197 (1,863)	1.36 (0.37)	0.34 (0.09)
Summer	2014	0	0	0.00	0.00
Summer	2015	2,396 (709)	332 (307)	0.32 (0.31)	0.04 (0.04)
Summer	2016	30,991 (6,102)	3,762 (1,459)	0.90 (0.14)	0.11 (0.03)
Summer	2017	409 (169)	82 (72)	0.09 (0.04)	0.02 (0.02)
Winter	2011-2012	470 (264)	444 (253)	0.04 (0.02)	0.04 (0.02)
Winter	2016-2017	1,008 (261)	13 (16)	0.05 (0.02)	<0.01 (<0.01)

Brown Trout

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2011	171 (72)	37 (47)	0.01 (<0.01)	<0.01 (<0.01)
Summer	2014	0	0	0.00	0.00
Summer	2016	1,032 (438)	172 (120)	0.03 (0.01)	<0.01 (<0.01)
Summer	2017	274 (255)	4 (5)	0.06 (0.07)	<0.01 (<0.01)
Winter	2011-2012	10 (11)	0	<0.01 (<0.01)	0.00
Winter	2013-2014	0	0	0.00	0.00
Winter	2016-2017	139 (61)	18 (14)	0.01 (<0.01)	<0.01 (<0.01)

Lake Trout

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2011	244 (96)	21 (25)	0.01 (<0.01)	<0.01 (<0.01)
Summer	2014	0	0	0.00	0.00
Summer	2015	80 (79)	8 (13)	0.01 (0.01)	<0.01 (<0.01)
Summer	2016	289 (157)	17 (14)	0.01 (<0.01)	<0.01 (<0.01)
Summer	2017	27 (19)	4 (6)	0.01 (<0.01)	<0.01 (<0.01)
Winter	2011-2012	1,548 (698)	53 (40)	0.14 (0.08)	<0.01 (<0.01)
Winter	2013-2014	0	0	0.00	0.00
Winter	2016-2017	472 (168)	0	0.02 (<0.01)	0.00

Largemouth Bass

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2011	391 (253)	14 (16)	0.02 (0.01)	<0.01 (<0.01)
Summer	2014	0	0	0.00	0.00
Summer	2016	1,133 (439)	21 (28)	0.03 (0.01)	<0.01 (<0.01)
Winter	2011-2012	18 (29)	0	<0.01 (<0.01)	0.00

Northern Pike

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2011	823 (312)	151 (138)	0.04 (0.01)	0.01 (<0.01)
Summer	2014	0	0	0.00	0.00
Summer	2015	25 (19)	5 (7)	<0.01 (<0.01)	<0.01 (<0.01)
Summer	2016	1,625 (369)	511 (212)	0.05 (<0.01)	0.01 (<0.01)
Summer	2017	159 (55)	21 (13)	0.04 (0.01)	<0.01 (<0.01)
Winter	2011-2012	702 (272)	270 (107)	0.06 (0.03)	0.02 (0.01)
Winter	2013-2014	0	0	0.00	0.00
Winter	2016-2017	735 (184)	34 (14)	0.04 (0.01)	<0.01 (<0.01)

Rainbow Trout

Season	Year	Catch	Harvest	Catch Rate	Harvest Rate
Summer	2011	2,714 (635)	1,006 (372)	0.13 (0.03)	0.05 (0.02)
Summer	2014	0	0	0.00	0.00
Summer	2015	2,067 (1,121)	1,194 (1,079)	0.28 (0.22)	0.16 (0.18)
Summer	2016	4,526 (920)	1,433 (492)	0.13 (0.01)	0.04 (0.01)
Summer	2017	372 (218)	60 (32)	0.08 (0.05)	0.01 (<0.01)
Winter	2011-2012	15 (15)	8 (12)	<0.01 (<0.01)	<0.01 (<0.01)
Winter	2013-2014	0	0	0.00	0.00
Winter	2016-2017	826 (354)	89 (46)	0.04 (0.02)	<0.01 (<0.01)

Table 9. The number of fish harvested with each species by length group (mm) for the winter and summer fisheries at Pactola Reservoir. Abbreviations for species are as follows: Bluegill (BLG), Brown Trout (BNT), Largemouth Bass (LMB), Northern Pike (NOP), Rainbow Trout (RBT), Lake Trout (LAT).

Summer 2016						
Length Group (mm)	BLG (N=132)	BNT (N=13)	LAT (N=4)	LMB (N=1)	NOP (N=11)	RBT (N=99)
140	1					
150	1					
160	11					
170	36					
180	33					
190	23					
200	21					
210	6					
230						1
240				1		
250						
260		1				1
270		2				1
280		1				4
290		3				5
300		2				4
310		3				4
320		1				6
330						10
340						9
350						13
360						5
370						7
380					1	4
390						5
400						4
410						2
420						5
430						3
440						2
450			1			1
460						
470						1
480					2	
490					1	1
500						1
510						
520					1	
530			1			
540			1			
550						
560						
570					1	
580						
590						
600						
610					1	
620					1	
630						
640						
650						
660						
670						
680			1			
690						
700						
710						
720						
730					1	
740						
750						
760					1	
770						
780						
790					1	

Winter 2016-2017

Length Group (mm)	BLG (N=0)	BNT (N=6)	LAT (N=1)	LMB (N=0)	NOP (N=11)	RBT (N=26)
280						1
290						1
300						2
310						3
320						4
330		2				2
340		3				
350						2
360						1
370						2
380						
390		1				1
400						
410						1
420						2
430						1
440						1
450					1	2
460						
470						
480						
490						
500						
510						
520					1	
530						
540						
550						
560						
570						
580						
590			1			
600						
610						
620						
630						
640					1	
650						
660						
670						
680						
690						
700						
710						
720						
730						
740						
750						
760						
770						
780					1	
790						
800						
810						
820						
830						
840						
850						
860					1	
870						
880						
890						
900						
910						
920						
930					1	
940						
950						
960						
970						
980					2	
990					1	

1000
1010
1020
1030
1040
1050
1060
1070
1080
1090
1100
1110
1120
1130
1140
1150
1160
1170
1180
1190
1200
1210

Summer 2017

Length Group (mm)	BLG (N=8)	BNT (N=1)	LAT (N=1)	LMB (N=0)	NOP (N=4)	RBT (N=16)
150	3					
160	1					
170	2					
180	1					
190						
200	1					
260						1
270						
280						
290						1
300						
310		1				1
320						
330						2
340						1
350						2
360						2
370					1	
380						1
390						1
400						
410						2
420						1
430						1
440						
450						
460					1	
470						
480						
490						
500						
510						
520						
530						
540						
550						
560					1	
570						
580						
590						
600						
610						
620						
630						
640						
650						
660						
670					1	
780			1			

Figure 1a. Length frequency of angler-harvested Bluegill measured by the creel clerk during creel surveys on Pactola Reservoir.

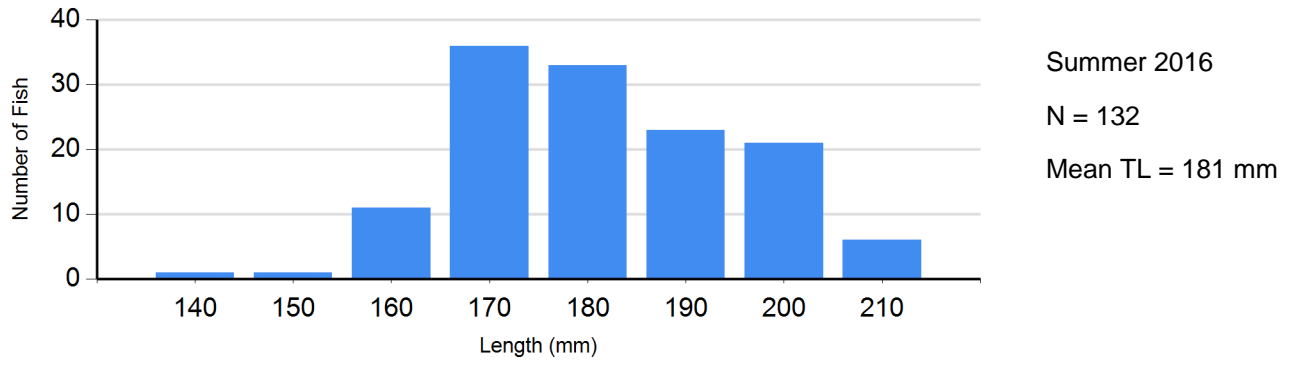


Figure 1b. Length frequency of angler-harvested Brown Trout measured by the creel clerk during creel surveys on Pactola Reservoir.

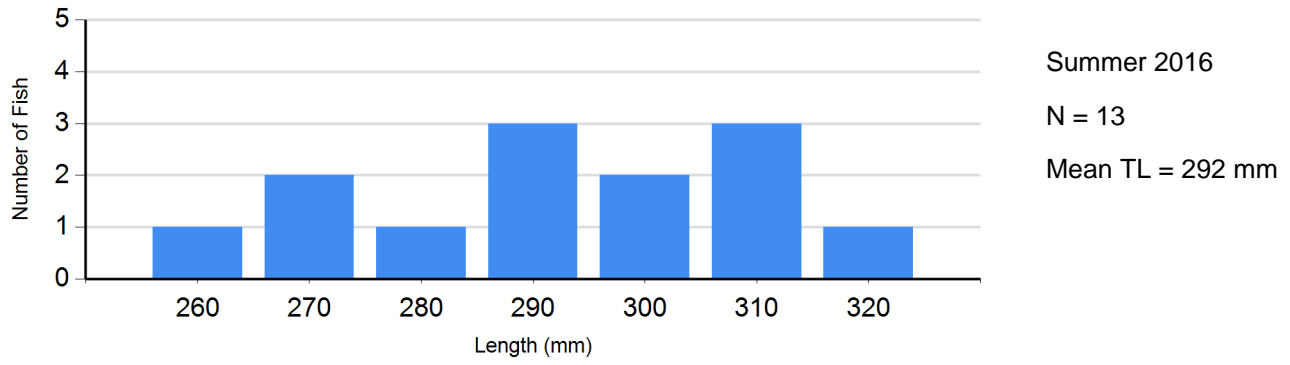


Figure 1c. Length frequency of angler-harvested Northern Pike measured by the creel clerk during creel surveys on Pactola Reservoir.

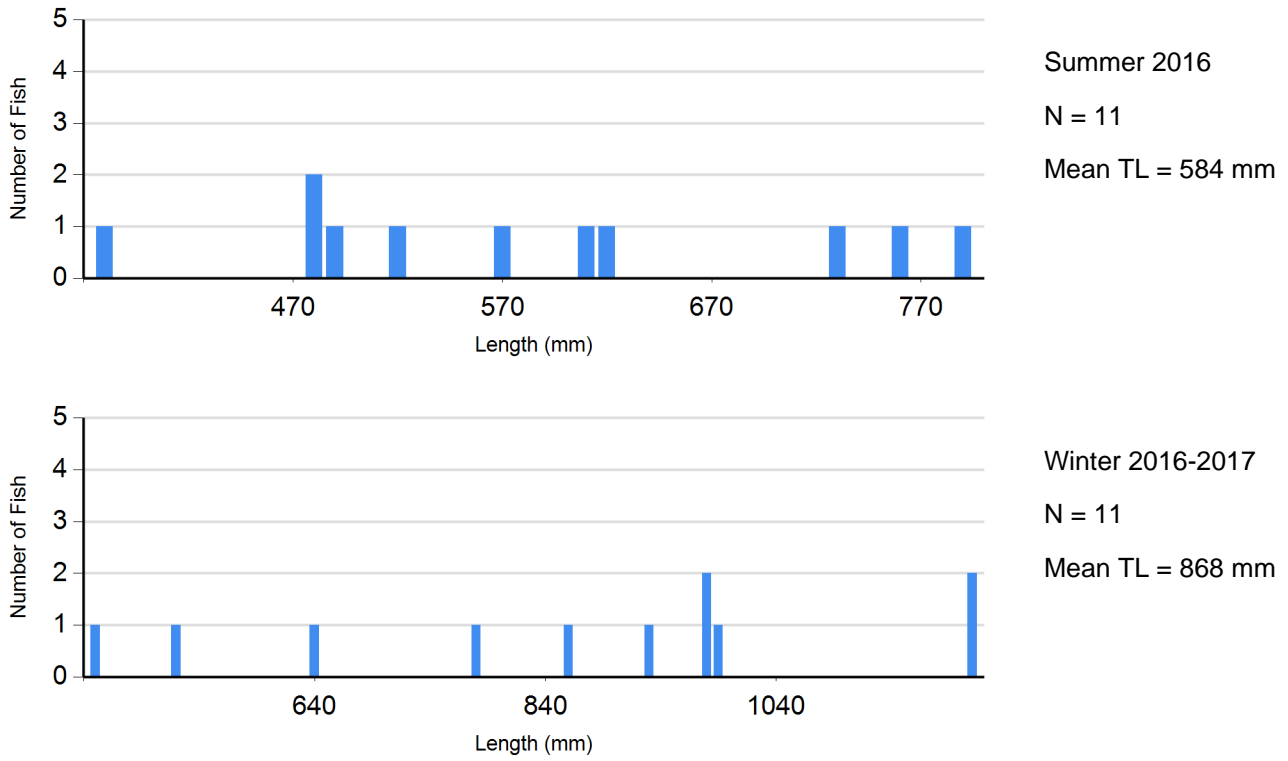
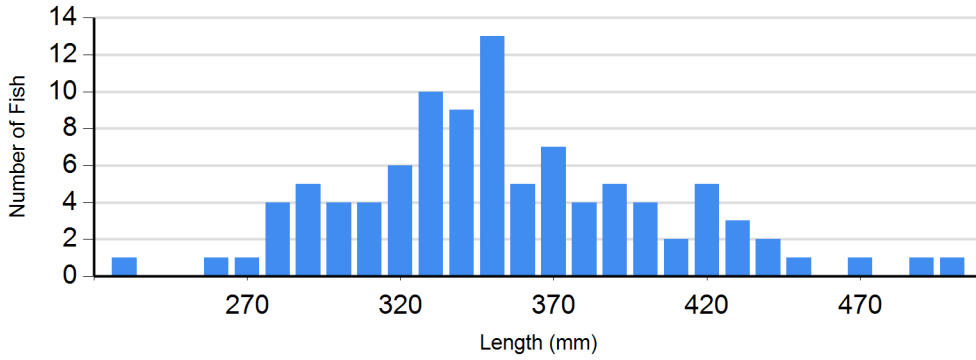
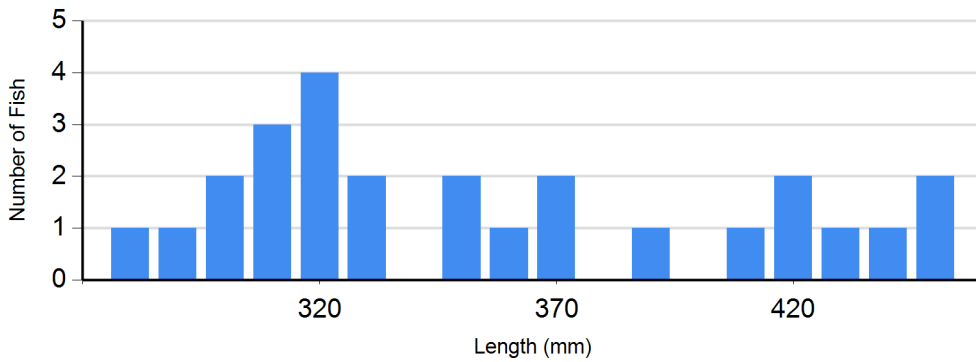


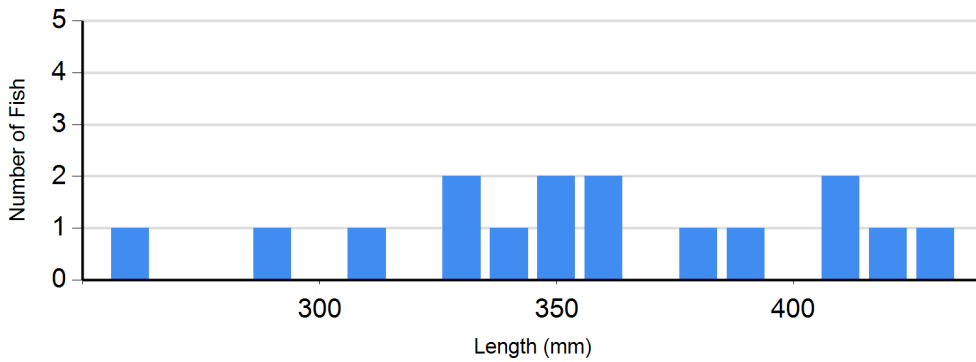
Figure 1d. Length frequency of angler-harvested Rainbow Trout measured by the creel clerk during creel surveys on Pactola Reservoir.



Summer 2016
 N = 99
 Mean TL = 354 mm



Winter 2016-2017
 N = 26
 Mean TL = 355 mm



Summer 2017
 N = 16
 Mean TL = 357 mm

Figure 2. South Dakota county of residence for winter and summer resident anglers fishing Pactola Reservoir, South Dakota between May 2016 and April 2017.

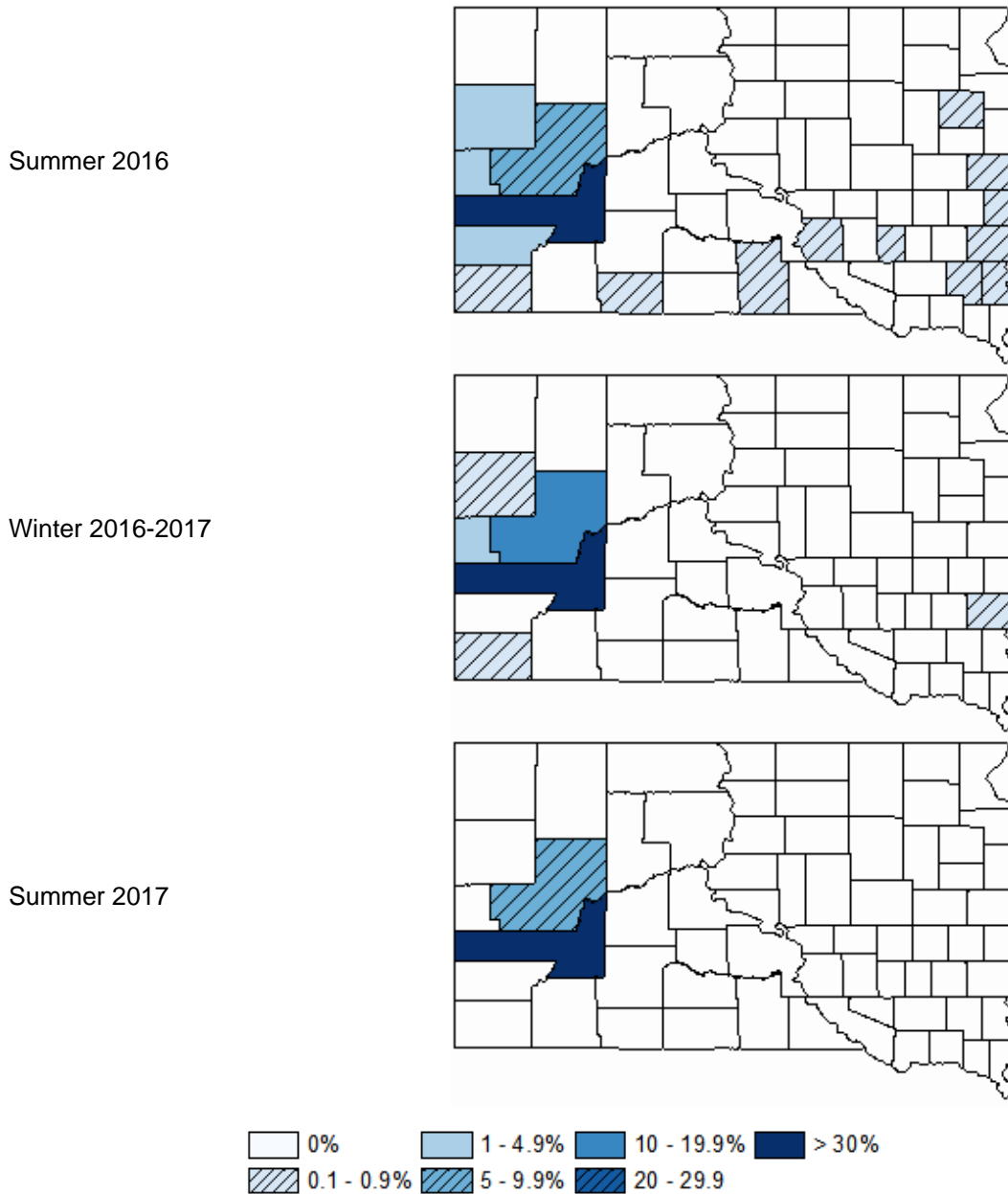


Table 10. Number of parties interviewed that harvested (or caught) a specified number of fish totaled over selected strata for a species.

Angler Harvest	Counts					
	BLG (n=382)	BNT (n=382)	LAT (n=382)	LMB (n=382)	NOP (n=382)	RBT (n=382)
0.00	356	377	380	381	365	321
0.14	0	0	0	0	1	0
0.17	1	0	0	0	0	0
0.25	1	0	0	0	1	0
0.33	0	0	0	0	5	3
0.40	0	0	0	0	0	1
0.50	2	1	1	1	3	17
0.60	0	0	0	0	0	1
0.75	0	0	0	0	0	1
1.00	3	2	1	0	6	21
1.50	1	1	0	0	1	5
2.00	0	0	0	0	0	5
2.33	0	0	0	0	0	1
2.50	2	1	0	0	0	0
3.00	0	0	0	0	0	1
3.67	1	0	0	0	0	0
4.00	2	0	0	0	0	2
5.00	2	0	0	0	0	2
6.00	2	0	0	0	0	1
7.00	1	0	0	0	0	0
8.00	1	0	0	0	0	0
9.00	1	0	0	0	0	0
10.00	1	0	0	0	0	0
10.50	1	0	0	0	0	0
15.00	4	0	0	0	0	0

Angler Harvest	Counts					
	BLG (n=78)	BNT (n=78)	LAT (n=78)	LMB (n=78)	NOP (n=78)	RBT (n=78)
0.00	76	77	77	78	74	67
0.25	0	0	0	0	0	1
0.33	0	1	0	0	0	3
0.50	0	0	0	0	2	1
0.67	0	0	0	0	0	1
1.00	0	0	1	0	2	5
3.25	1	0	0	0	0	0
8.00	1	0	0	0	0	0

Winter 2016-
2017

Counts

Angler Harvest	BLG (n=258)	BNT (n=258)	LAT (n=258)	LMB (n=258)	NOP (n=258)	RBT (n=258)
0.00	257	255	258	258	249	245
0.25	0	0	0	0	1	1
0.33	0	0	0	0	2	0
0.50	0	1	0	0	0	4
1.00	0	1	0	0	5	2
1.50	0	0	0	0	0	2
2.00	0	0	0	0	1	3
3.00	1	1	0	0	0	1

Table 11 The number (N) and percent of total interviews in supplemental-response categories by question asked during interviews at Pactola Reservoir.

Question: Considering all factors, how satisfied are you with your fishing trip today?

Response	Summer 2017 (n = 149)
Very Satisfied	62%
Moderately Satisfied	27%
Moderately Dissatisfied	5%
Neutral	7%

Question: This lake is stocked with 11 inch Rainbow Trout, how satisfied are you with the number of Rainbow Trout you caught today?

Response	Summer 2017 (n = 149)
Very Satisfied	17%
Moderately Satisfied	2%
Moderately Dissatisfied	1%
Very Dissatisfied	6%
No Answer	74%